

# Monsanto

Monsanto Chemical Company P.O. Box 816 Soda Springs, Idaho 83276 Phone: (208) 547-3391

June 11, 1988

Mr. John Davis Mail Stop AT/083 USEPA Region X 1200 Sixth Avenue Seattle, Washington 98101

Dear Mr. Davis:

Per your request, I have enclosed a set of thirteen EPA Form R's which comprise the 1987 SARA Title III, Section 313 report package for Monsanto Company's Soda Springs, Idaho plant. Also attached is correspondence regarding EPA approval of Monsanto's computer-generated Form R format.

If you have any questions, you may contact me at the Soda Springs plant, extension 334.

Sincerely,

D. R. Wind

Senior Environmental Engineer

Donald R. Wind

DRW/jw Enclosures

AR 1.2 0002

6271

17 0007

# Monsanto

Monsanto Chemical Company 800 N. Lindbergh Boulevard St. Louis, Missouri 63167 Phone (314) 694-1000

June 20, 1988

Mr. Doug Sellers Chief of Public Information Section U.S. EPA/OTS TS793 401 M Street S.W. Washington, D.C. 20460

Dear Doug:

This is to confirm our conversation of June 13 in which you conveyed EPA's approval for Monsanto's use of the attached computer generated Form R format. The form is for reporting toxic chemical release information as required by Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986. This letter will be attached to the Form R's submitted to the EPA and state to help the data entry personnel recognize the format has been approved by EPA.

Thanks again for your assistance in obtaining the approval of Steven Newburg-Rinn, Chief of Public Data Branch.

Sincerely,

J. P. Hyland

Manager, Environmental Protection

/dg

Name of parent company > MONSANTO COMPANY
Parent Company's Dun & Bradstreet No. > 00-626-6803

4. PARENT COMPANY INFORMATION

4.1 Name of parent company

4.2

	`
EPA FORM R - Part II.	(This space for EPA use only)
Off-site locations to which tox	1C
Chemicals are transferred in was	tes
	· · · · · · · · · · · · · · · · · · ·
1. PUBLICLY OWNED TREATMENT WORKS	( DOME!)
	(POIM)
Facility Name: > N/A	
Facility Address:>	
City: >	
State: >	County:>
scace: >	Zip: >
2 Other off-site legations	
2. Other off-site locations - numb	per these sequentially
(1.) Other off-site location	
EPA Identification number (RCRA	TD No 1: N/A
(1.014)	15 holy. My A
Facility Name: > N/A	
Facility Address:>	
City: >	
<b>-</b>	County:>
State: >	Zip: >
Under control of reporting facili	<b>:</b>
Under control of reporting facil	ity or parent company? Yes No

EPA Form R - Part III Chemical Specific Information			(This	space for E	PA use	only)
<u>-</u>						
1. CHEMICAL IDENTITY					T. W. C.	
1.1 Trade Secret (provide a		ic nar	me in 1.4	below.	· · · · · · · · ·	
1.2 CAS #: > N/A		COMP	NIN DO			
1.3 Chem or Category Name: > ANT 1.4 Generic Name: > N/A	LMONI	COMP	DUNDS			
MIXTURE COMPONENT IDENTITY						<del></del>
2. Generic Chem Name: > N/A						
3. ACTIVITIES AND USES OF THE CHEM	MICAL	AT TI	E FACILI	TY (Check a)	ll that	apply)
3.1 Manufacture:	Tmne			C. For	c on-ci	+-
AY_ Produce B				use	e/proce	ss
D For sale/ EY_ distribution	_ As a	а Бурі	roduct	F As	an imp	urity
3.2 Process:				<del></del>	•	<del></del>
A As a reactant B	_ As a lati	a form	mula- omp.	C As	an art ponent	icle
D Repackaging only	1401	.011 00	·mp·		"ponene	
3.3 Otherwise Used:		<u> </u>				
A As a chemical BY_ processing aid	_ As a	nfg	aid	C And oth	cillary ner use	or
4. MAXIMUM AMT OF THE CHEMICAL ON (06) enter code	SITE	AT AN	Y TIME D	OURING THE CA	LENDAR	YEAR
5. RELEASES OF THE CHEMICAL TO THE	E ENVI	RONME	NT			
		.=		(1) = (2-2)		
You may report releases of less	A. 1	Rar		(lbs/yr) A.2	B.	c.
than 1000 lbs by checking ranges	N. I	1-	500-	Enter	Est.	% From
under A.1	0	499	999	Estimate		Strmwt
5.1 Fugitive or non-pt. air emis		X			E	<del></del>
5.2 Stack or point air emissions			X		M	
5.3 Discharges to water 5.3.1 (a)				2,600	M	6
5.3.2 (b)				N/A		N/A
5.3.3 (C)				N/A		N/A
5.4 Underground injection 5.5 Release to land 5.5.1 (D02)				N/A	M	
5.5 Release to land 5.5.1 (D02) 5.5 Release to land 5.5.2 (D99)		X		140,000	M O	
5.5 Release to land 5.5.3		A		N/A	•	

# . . . . EPA FORM R PART III (CONTINUED)

# 6. TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS

	Tot	al Tr	ansfers	(lbs/yr)	
You may report releases of less than 1000 lbs by checking ranges under A.1	0	1- 499	500-	A.2 Enter Estimate	C. Type of Treat/Disp

6. 1. Discharge to POTW
6. 2. Other off-site loc

N/A N/A

# 7. WASTE TREATMENT METHODS AND EFFICIENCY

	Α.	В.	C.	D.	E. Treatment	F. Based on
	General Wastestream (code)	Treatment Method (code)	Influent Concen.	Sequential	Efficiency	
					99.97	N
7.1	S	P11	3		99.7	N
7.2	A	A03 A03	<b>A</b>		99.5	N .
7.3	A	A03	4		99.3	N
7.4 7.5	A A	A06	4		99.7	N
7.5 7.6	S	P11	· 5		99.97	N
7.7	S	P11	5		99.97	N
7.8	S	P11	5		99.97	N
7.9	S	P11	5		99.97	N
7.10		A03	3		90	N
7.11	A	<b>A</b> 06	4		99.7	N
7.12		A03	4		98	N M
7.13		<b>A</b> 03	3	X	00.00	N
7.14	Α	<b>A</b> 03		X	99.99	N .

A. Type of modification	B. Qty of ch prior to	em in was treatment		Index	D.	Reason for action
	Current rept yr (lbs/yr)	Prior year (lbs/yr)	Or percent change		•	
N/A	N/A	N/A	N/A	N/A		N/A

EPA		l Protection Agency EPA FOR Inventory Reporting Form R
FACI	PART I. LITY IDENTIFICATION INFORMATION	(This space for EPA use only)
		l D. Tarabian D. Danamina
1.1	secret information?  Yes _X_ No	1.2 Is this a 1.3 Reporting sanitized copy? Year Yes No 1987
2. CE	RTIFICATION (Read and sign after	completing all sections.)
th in in da	hereby certify that I have reviewed at, to the best of my knowledge and formation is true and complete and this report are accurate based of the available to the preparers of and Official Title of owner/operate. M. MCCULLOUGH / PLANT MANAGER	nd belief, the submitted d that the amounts and values n reasonable estimates using this report.
Signa	iture	Date Signed
	m. mcCullrigh	6-27-88
3. FA	ACILITY IDENTIFICATION	
3.1 C	Name > MONSANTO COMPANY Address> HIGHWAY 34 NORTH City > SODA SPRINGS County>	3.2 aX_ Entire facility  ARIBOU b Part of facility  3276-0816
	Technical Contact > D. R. WIND	> (208)547-3391
	Public Contact > K. V. LOTT	> (208)547-3391
	SIC Codes > 2819 3313 Latitude Longitude	
	> 042/41/07 > 111/35/08	
	Dun & Bradstreet number(s) a.>	
	EPA Id. Number (RCRA I.D. No) a.> NPDES Permit Number(s) a.>	IDD081830994 b.> N/A ID000119-8 b.> N/A
	Name of receiving stream(s) or war a.> SODA CREEK b.> N/A c.> N/A	·
3.11	Underground Injection Well Code ( > N/A > N/A	UIC) Identification No.
4. PA	ARENT COMPANY INFORMATION	
4.1	Name of parent company	> MONSANTO COMPANY
4.2	Parent Company's Dun & Bradstreet	
	•	

. . . .

Facility Name:

city:

State:

Facility Address:>

> N/A

Under control of reporting facility or parent company? \_\_\_\_ Yes \_\_\_\_ No

County:>

Zip: >

EPA Form R - Part III Chemical Specific Information		(This s	pace for EP.	A use ò	only)
1. CHEMICAL IDENTITY		•		<del></del>	· ·
1.1 Trade Secret (provide a g 1.2 CAS #: > N/A 1.3 Chem or Category Name: > BARI 1.4 Generic Name: > N/A  MIXTURE COMPONENT IDENTITY			below.		
2. Generic Chem Name: > N/A					
3. ACTIVITIES AND USES OF THE CHEM	ICAL AT T	HE FACILIT	Y (Check al	1 that	apply)
3.1 Manufacture: AY_ Produce B	Import		C For	on-sit	ce ss
D For sale/ EY_ distribution	As a byp	roduct	F As		
3.2 Process: A As a reactant B D Repackaging only	As a for lation c	mula- omp.	C As	an arti ponent	icle
3.3 Otherwise Used: A As a chemical BY_ processing aid	As a mfg	aid	C And oth	illary er use	or
4. MAXIMUM AMT OF THE CHEMICAL ON _(06)_ enter code			RING THE CA	LENDAR	YEAR
5. RELEASES OF THE CHEMICAL TO THE	ENVIRONM	ENT			
		Releases		_	
You may report releases of less	_	nge 500-	A.2 Enter	B. Est.	C. % From
than 1000 lbs by checking ranges under A.1	.0 499	500- 999	Estimate		Strmwtr
5.1 Fugitive or non-pt. air emis	Х	<del></del>		E	
5.2 Stack or point air emissions	x		1,000	M M	6
5.3 Discharges to water 5.3.1 (a) 5.3.2 (b)			N/A	12	N/A
5.3.2 (2) 5.3.3 (c)			N/A		N/A
5.4 Underground injection			N/A		-
5.5 Release to land 5.5.1 (D02)			180,000	M	
5.5 Release to land 5.5.2 (D99) 5.5 Release to land 5.5.3	X		N/A	0	

#### 6. TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS

Total Transfers (lbs/yr) You may report releases of less c. A.1 Range A.2 В. than 1000 lbs by checking ranges 500-Enter Est. Type of 1under A.1 499 999 Estimate Basis Treat/Disp

6. 1. Discharge to POTW

6. 2. Other off-site loc

N/A N/A

#### 7. WASTE TREATMENT METHODS AND EFFICIENCY

	Α	В.	c.	D.	E.	F.
	General	Treatment	_		Treatment	Based on
	Wastestream (code)	Method (code)		Sequential Treatment?		Operating Data?
7.1	A	<b>A</b> 06	5		99.7	N
7.2	A	<b>A</b> 06	5		99.6	N
7.3	Α	A06	5		99.7	N
7.4	S	P11	3		99.97	N
1.5	A	A03	3		99.5	N
.6	A	A03	4		99.3	N
.7	Α	<b>A</b> 06	4		99.7	N
. 8	S	P11	5		99.97	N
7.9	S	P11	5		99.97	N
.10	. <b>A</b>	<b>A</b> 06	5		99.7	N
.11	A	<b>A</b> 03	4		90	N
.12	A	<b>A</b> 06	4		99.7	N
1.13	A	A03	4		98	N

Ā.	Type of modification	В.		em in was treatment	testream /disposal	c.	Index	D.	Reason action	for
			Current rept yr (lbs/yr)	Prior year (lbs/yr)	Or percent change				ı	
	N/A		N/A	N/A	N/A		N/A		N/A	

3.11 Underground Injection Well Code (UIC) Identification No.

Name of parent company > MONSANTO COMPANY
Parent Company's Dun & Bradstreet No. > 00-626-6803

> N/A

b.> N/Ac.> N/A

> N/A

4. PARENT COMPANY INFORMATION

4.1 Name of parent company

Off-sit	PA.FORM R - Part II e locations to which s are transferred i	h toxic	(This	space	for	EPA	use	only)
1. PUBLIC	LY OWNED TREATMENT	WORKS (POTW)	<u> </u>					
Facility	Name: > N/A	<del></del>		<del></del>				<u>-</u>
Facility	Address:>							
City:	>		County:>					
State:	>		Zip:					
2. Other	off-site locations	- number these	sequentia	illy				<del></del>
	ther off-site locat ntification number		N/A			<u> </u>		
Facility Facility	Name: > N/A Address:>							
City:	>		County:>	•				
State:	>		Zip: >					

Under control of reporting facility or parent company? \_\_\_ Yes \_\_\_ No

EPA Form R - Part III Chemical Specific Information	(This s	space for EP	A use (	only)
1. CHEMICAL IDENTITY			<del></del>	
1.1 Trade Secret (provide a control of the control		below.		<del></del>
1.3 Chem or Category Name: > CADM 1.4 Generic Name: > N/A	AIUM COMPOUNDS			
MIXTURE COMPONENT IDENTITY  2. Generic Chem Name: > N/A				
3. ACTIVITIES AND USES OF THE CHEM	MICAL AT THE FACILIT	TY (Check al	l that	apply)
	_ Import	C For	/proces	SS
D For sale/ EY_ distribution	As a byproduct	F As	an impu	ırity
3.2 Process: A As a reactant B	As a formula-	C As	an art:	icle
D Repackaging only			•	
3.3 Otherwise Used: A As a chemical BY_ processing aid	As a mfg aid	C Anc	illary er use	or
4. MAXIMUM AMT OF THE CHEMICAL ON _(05)_ enter code	SITE AT ANY TIME DU	JRING THE CA	LENDAR	YEAR
5. RELEASES OF THE CHEMICAL TO THE	ENVIRONMENT			
You may report releases of less than 1000 lbs by checking ranges	A. Total Releases A.1 Range 1- 500-	(lbs/yr) A.2 Enter	B. Est.	C. % From
under A.1	0 499 999	Estimate	Basis	Strmwtr
5.1 Fugitive or non-pt. air emis 5.2 Stack or point air emissions	x	100,000	E M	
5.3 Discharges to water 5.3.1 (a) 5.3.2 (b) 5.3.3 (c)	X	N/A N/A	M	6 N/A N/A
5.4 Underground injection 5.5 Release to land 5.5.1 (D02)	<b>V</b>	N/A 160,000	M O	-
5.5 Release to land 5.5.2 (D99) 5.5 Release to land 5.5.3	X	N/A	U	

## 6. TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS

Total Transfers (lbs/yr)

You may report releases of less
than 1000 lbs by checking ranges
under A.1

Total Transfers (lbs/yr)

A.1 Range
A.2

B. C.

Enter
Est. Type of

499 999
Estimate Basis Treat/Disp

6. 1. Discharge to POTW

6. 2. Other off-site loc

N/A

N/A

#### 7. WASTE TREATMENT METHODS AND EFFICIENCY

	λ.	В.	c.	D.	E.	F.
	General	Treatment	Range of		Treatment	Based on
	Wastestream	Method	Influent	Sequential	Efficiency	Operating
	(code)	(code)	Concen.			Data?
1	Α	A06	5		99.7	N
2	A	A06	5		99.6	N
3	λ	A06	5		99.7	N
4	S	P11	2		99.97	N
5	À	A03	2		99.7	N
6	Ä	A03	4		99.5	N
7	À	<b>A</b> 03	3		99.3	N
8	À	<b>A</b> 06	5		99.7	N
9	S	P11	<b>`</b> 5		99.97	N
10	S	P11	5		99.97	N
11	S	P11	5		99.97	N
12		P11	5		99.97	N
13	À	A06	5	*	99.7	N
14	À	A03	3		90	N
15		<b>A</b> 06	5		99.7	N
16		A03	4		98	N
17	A	A03	2	X		N
18	Ä	A03	_	X	99.99	N

A.	Type of modification	В.	Qty of chem in wastestream C prior to treatment/disposal			3.	Index	D.	Reason for action	or 
				Prior year (lbs/yr)	Or percent change					
	N/A		N/A	N/A	N/A		N/A		N/A	

Parent Company's Dun & Bradstreet No. > 00-626-6803

> MONSANTO COMPANY

4. PARENT COMPANY INFORMATION

4.1 Name of parent company

4.2

-			<u>``</u>
	A FORM R - Part II.	(This space for	EPA use only)
	locations to which to		, <del>- ·</del>
Chemicals	are transferred in wa	stes	
	•		
		<b>'</b>	
1. PUBLICL	Y OWNED TREATMENT WORK	S (POTW)	
Facility N	ame: > N/A		
Facility A			
City:	>	County:>	
State:	>	Zip: >	
2. Other o	ff-site locations - nu	mber these sequentially	
	her off-site location tification number (RCR	A TD No ) · N/A	. P
	TILIONOLON NUMBER (NON	A 1D NO. J. NJA	
Facility Na	ame: > N/A		
Facility A			
City:	>	County:>	
State:	>	Zip: >	
	-	arp.	
Under co	ntrol of reporting fac	ility or parent company?	Yes No

EPA Form R - Part III Chemical Specific Information		s space for E	PA use	oùlh)
1. CHEMICAL IDENTITY			<del> </del>	<u>.                                    </u>
1.1 Trade Secret (provide a	generic name in 1	.4 below.	<del></del>	
1.1 Trade Secret (provide a 1.2 CAS #: > N/A				
1.3 Chem or Category Name: > COP	PER COMPOUNDS			
1.4 Generic Name: > N/A				
MIXTURE COMPONENT IDENTITY 2. Generic Chem Name: > N/A				
3. ACTIVITIES AND USES OF THE CHE	MICAL AT THE FACI	LITY (Check al	ll that	apply)
3.1 Manufacture:	T			
AY_ Produce B	_ Import	C For	on-si /proce	te
D For sale/ EY distribution	_ As a byproduct	F As	an imp	urity
3.2 Process:				
A As a reactant B	_ As a formula-	C As	an art	icle
D Repackaging only	racion comp.	COL	iboueuc	
3.3 Otherwise Used: A As a chemical BY_ processing aid	As a mfg aid	CAnd	illary er use	or
4. MAXIMUM AMT OF THE CHEMICAL ON(06)_ enter code	SITE AT ANY TIME	DURING THE CA	LENDAR	YEAR
5. RELEASES OF THE CHEMICAL TO THI	E ENVIRONMENT	, , , , , , , , , , , , , , , , , , ,		
	A. Total Release	es (lbs/yr)	<del></del>	
You may report releases of less	A.1 Range	A.2	В.	c.
than 1000 lbs by checking ranges	1- 500-	Enter	Est.	% From
under A.1	0 499 999	Estimate	Basis	Strmwtr
5.1 Fugitive or non-pt. air emis		1,400	E	
5.2 Stack or point air emissions		2,100	M	
5.3 Discharges to water 5.3.1 (a)		1,500	M	6
5.3.2 (b)		N/A		N/A
5.3.3 (c)		N/A		N/A
5.4 Underground injection		N/A		•
5.5 Release to land 5.5.1 (D02)		140,000	M	
5.5 Release to land 5.5.2 (D99)	X		0	
5.5 Release to land 5.5.3		N/A		

## 6. TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS

	Tot	al Tr	ansfers	(lbs/yr)		
You may report releases of less	2	1.1 Ra	nge	A.2	В.	c.
than 1000 lbs by checking ranges		1-	500-	Enter		Type of
under A.1	0	499	999	Estimate	Basis	Treat/Disp
						_

6. 1. Discharge to POTW 6. 2. Other off-site loc

N/A N/A

#### 7. WASTE TREATMENT METHODS AND EFFICIENCY

	A.	В.	c.	D.	Ε.	F.
	General	Treatment			Treatment	Based on
	Wastestream	Method	Influent	Sequential	Efficiency	Operating
	(code)	(code)	Concen.	Treatment?	Estimate	Data?
7.1	A	A06	4		99.7	N
7.2	A	A06	4		99.6	N
. 3	A	A06	4		99.7	N
. 4	S	P11	2		99.97	N
.5	A	. A03	2		99.7	N
.6	A	A03	3		99.5	N
.7	A	A03	4		99.3	N
. 8	A	A06	4		99.7	N
.9	S	P11	5		99.97	N
.10	S	P11	5		99.97	N
.11	S	P11	5		99.97	N
.12	S	P11	5		99.97	N
.13	A	<b>A</b> 06	4		99.7	N
.14	A	A03	3		90	N
.15	A	A06	4		99.7	N
.16	A	A03	3		98	N
.17	A	A03	2	X		N
.18	A	A03		X	99.99	N

A.	Type of modification	В.		em in was treatment	testream ( /disposal	c.	Index	D.	Reason action	for
			Current rept yr (lbs/yr)	Prior year (lbs/yr)	Or percent change					
	N/A		N/A	N/A	N/A		N/A		N/A	

U.S. Environmental F	Protection Agency EPA FORM
EPA Toxic Chemical Release Inv	
	(This space for EPA use only)
DADO T	
PART I.	
FACILITY IDENTIFICATION INFORMATION	
1.1 Does this report contain trade	1.2 Is this a 1.3 Reporting
. secret information?	sanitized copy? Year
Yes _X_ No	Yes No 1987
2. CERTIFICATION (Read and sign after com	noleting all sections.)
	<b>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</b>
I hereby certify that I have reviewed	the attached documents and
that, to the best of my knowledge and	belief, the submitted
information is true and complete and t	
in this report are accurate based on r	
data available to the preparers of thi	s report.
Name of the second seco	
Name and Official Title of owner/operator > C. M. MCCULLOUGH / PLANT MANAGER	or senior management official
> C. M. MCCULLOUGH / PLANT MANAGER	
Signature	Date Signed
C.M. McCullough	•
	6-27-88
3. FACILITY IDENTIFICATION	
Name > MONSANTO COMPANY	
Address> HIGHWAY 34 NORTH	3.2 aX_ Entire facility
3.1 City > SODA SPRINGS County> CARI	BOU b Part of facility
State > ID Zip Code> 8327	6-0816
3.3 Technical Contact > D. R. WIND	> (208)547-3391
3.4 Public Contact > K. V. LOTT	> (208)547-3391
3.5 SIC Codes > 2819 3313	> (200)547-5591
3.6 Latitude Longitude	
> 042/41/07 > 111/35/08	
3.7 Dun & Bradstreet number(s) a.> 08	-183-0994 b.> N/A
3.8 EPA Id. Number (RCRA I.D. No) a.> ID	
3.9 NPDES Permit Number(s) a.> ID	
3.10 Name of receiving stream(s) or water	
a.> SODA CREEK	2 (2)
b.> N/A	
c.> N/A	
3.11 Underground Injection Well Code (UIC	) Identification No.
> N/A	•
4. PARENT COMPANY INFORMATION	<u> </u>
	NAME OF THE OWNER O
4.1 Name of parent company	> MONSANTO COMPANY
4.2 Parent Company's Dun & Bradstreet No	. > 00-626-6803

EPA FORM R - Part II.  Off-site locations to which to Chemicals are transferred in war		
1. PUBLICLY OWNED TREATMENT WOR	KS (POTW)	,
Facility Name: > N/A		
Facility Address:>		
City: >	County:>	
State: >	Zip: >	
2. Other off-site locations - nu	umber these sequentially	
(1.) Other off-site location EPA Identification number (RCF	RA ID No.): N/A	
Facility Name: > N/A		
Facility Address:>		
City: >	County:>	
State: >	Zip: >	
Under control of reporting fac	cility or parent company? Yes No	

EPA Form R - Part III Chemical Specific Information		(This s	space f	or EPA	use	only)
1. CHEMICAL IDENTITY		<del></del>		<del></del>		· · ·
1.1 Trade Secret (provide a g 1.2 CAS #: > N/A 1.3 Chem or Category Name: > CHRO 1.4 Generic Name: > N/A			below.			
MIXTURE COMPONENT IDENTITY 2. Generic Chem Name: > N/A						
3. ACTIVITIES AND USES OF THE CHEM	ICAL AT TH	E FACILIT	Y (Che	ck all	that	apply)
3.1 Manufacture: AY_ Produce B	Import			_ For _ use/	proce	gg
D For sale/ EY_ distribution	As a bypr	oduct	F	_ As a	n imp	urity
3.2 Process: A As a reactant B D Repackaging only	As a form lation co			_ As a		
3.3 Otherwise Used: A As a chemical BY_ processing aid	As a mfg	aid	c		llary r use	
4. MAXIMUM AMT OF THE CHEMICAL ON _(07)_ enter code	SITE AT AN	Y TIME DU	RING T	HE CAL	ENDAR	YEAR
5. RELEASES OF THE CHEMICAL TO THE	ENVIRONME	NT			<del></del>	<del></del>
You may report releases of less than 1000 lbs by checking ranges under A.1	A. Total A.1 Ran 1- 0 499		(lbs/y: A.2 Enter Estima		B. Est. Basis	C. % From Strmwtr
5.1 Fugitive or non-pt. air emis 5.2 Stack or point air emissions 5.3 Discharges to water 5.3.1 (a) 5.3.2 (b) 5.3.3 (c)		x	1 N/A N/A	,100 ,900	E M M	6 N/A N/A
5.4 Underground injection 5.5 Release to land 5.5.1 (D02) 5.5 Release to land 5.5.2 (D99) 5.5 Release to land 5.5.3	x		N/A 1,400, N/A	,000	M O	

#### 6. TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS

Total Transfers (lbs/yr)
You may report releases of less
A.1 Range
A.2
B. C.
than 1000 lbs by checking ranges
1- 500- Enter Est. Type of
under A.1
0 499 999 Estimate Basis Treat/Disp

6. 1. Discharge to POTW

6. 2. Other off-site loc

N/A N/A

#### 7. WASTE TREATMENT METHODS AND EFFICIENCY

	A.	В.	c.	D.	E.	F.	
	General	Treatment	Range of		Treatment	Based on	
	Wastestream	Method	Influent	Sequential	Efficiency	Operating	
	(code)	(code)	Concen.			Data?	
.1	λ	A06	5		99.7	И	
. 2	λ	A06	5		99.6	N	
. 3	A	A06	5		99.7	N	
. 4	S	P11	2		99.97	N	
. 5	A	<b>A</b> 03	3		99.7	N	
. 6	A	A03	3		99.5	N	
. 7	λ	A03	3		99.3	N	
. 8	A	<b>A</b> 06	4		99.7	N	
. 9	S	P11	5		99.97	N	
.10	S	P11	5		99.97	N	
.11	S	P11	5		99.97	N	
. 12	S	P11	5		99.97	N	
. 13	A	A06	5		99.7	N	
. 14	A	A03	3	•	90	N	
. 15	A	A06	4		99.7	N	
.16	A	A03	3		98	N	
. 17	A	A03	3	X		N	
.18	A	A03		X	99.99	N	

A.	Type of modification	В.	Qty of ch prior to	<b>3.</b> .	Index	D.	Reason action	for		
				Prior year (lbs/yr)	Or percent change					
	N/A		N/A	N/A	N/A		N/A		N/A	

<del>-</del>	U.S. Environmental Pr	otection Agency EPA FORM
EPA	Toxic Chemical Release Inve	ntory Reporting Form R
		(This space for EPA use only)
FAC	PART I. ILITY IDENTIFICATION INFORMATION	
1.3	1 Does this report contain trade 1	.2 Is this a 1.3 Reporting
. •	secret information?	sanitized copy? Year
	Yes _X_ No	Yes No 1987
2. C	ERTIFICATION (Read and sign after comp	leting all sections.)
tl ii ii	hereby certify that I have reviewed that, to the best of my knowledge and be a second to the preparers of this ata available to the preparers of this	elief, the submitted at the amounts and values asonable estimates using
	and Official Title of owner/operator M. MCCULLOUGH / PLANT MANAGER	or senior management official
Signa	ature	Date Signed
Ġ	?m. mchillough	6-27-88
	ACILITY IDENTIFICATION	
3.1	Name > MONSANTO COMPANY Address> HIGHWAY 34 NORTH City > SODA SPRINGS County> CARIB State > ID Zip Code> 83276	3.2 a. X Entire facility OU b. Part of facility -0816
7 7	Technical Contact > D. R. WIND	> (208)547-3391
	Public Contact > K. V. LOTT	> (208)547-3391
3.5	SIC Codes > 2819 3313 Latitude Longitude > 042/41/07 > 111/35/08	(200),000
3.7	Dun & Bradstreet number(s) a.> 08-	183-0994 b.> N/A
	EPA Id. Number (RCRA I.D. No) a.> IDD	
	NPDES Permit Number(s) a.> IDO	
3.10	Name of receiving stream(s) or water a.> SODA CREEK b.> N/A c.> N/A	body(s)
3.11	Underground Injection Well Code (UIC) > N/A > N/A	Identification No.
4. P	ARENT COMPANY INFORMATION	
4.1	Name of parent company	> MONSANTO COMPANY
	Parent Company's Dun & Bradstreet No.	

Off-si	EPA FORM R - Part te locations to w ls are transferre	nich toxic	(This	space	for EP	A use only)
1. PUBLIC	CLY OWNED TREATME	NT WORKS (POTW	1)			· .
Facility	Name: > N/A					
Facility	Address:>					
City:	>		County:	>		•
State:	>		Zip:			
2. Other	off-site location	ns - number th	ese sequentia	ally	·-··	· · · · · · · · · · · · · · · · · · ·
	Other off-site loc entification number		).): N/A			
Facility	Name: > N/A					
	Address:>					
City:	>		County:	>		
State:	>		Zip:			

Under control of reporting facility or parent company? \_\_\_\_ Yes \_\_\_\_ No

1987 - SOS (0018) Chemical: HF					Page 3
EPA Form R - Part III Chemical Specific Information		(This	space for EF	A use	only)
1. CHEMICAL IDENTITY			· · · · · · · · · · · · · · · · · · ·		
1.1 Trade Secret (provide a control of the con	ROGEN FLUO	me in 1.4 Use leadi RIDE	below. ng zeros)		
MIXTURE COMPONENT IDENTITY  2. Generic Chem Name: > N/A					
3. ACTIVITIES AND USES OF THE CHE	MICAL AT T	HE FACILI	TY (Check al	1 that	apply)
3.1 Manufacture: AY_ Produce B	_ Import		C For	Inroce	CC
D For sale/ EY distribution	_ As a byp	roduct		an imp	urity
3.2 Process: A As a reactant B D Repackaging only	_ As a for lation c	mula- omp.	C As	an art ponent	
3.3 Otherwise Used: A As a chemical B processing aid	_ As a mfg	aid	C And oth	illary er use	or
4. MAXIMUM AMT OF THE CHEMICAL ON _(02)_ enter code	SITE AT A	NY TIME D	OURING THE CA	LENDAR	YEAR
5. RELEASES OF THE CHEMICAL TO THE	E ENVIRONM	ENT			
You may report releases of less than 1000 lbs by checking ranges under A.1		nge 500-	(lbs/yr) A.2 Enter Estimate	B. Est. Basis	C. % From Strmwti
5.1 Fugitive or non-pt. air emis 5.2 Stack or point air emissions 5.3 Discharges to water 5.3.1 (a) 5.3.2 (b) 5.3.3 (c)			65,000 38,000 N/A N/A N/A	O M	N/A N/A N/A
5.4 Underground injection 5.5 Release to land 5.5.1			N/A N/A		

### 6. TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS

	Tot	al Tr	ansfers	(lbs/yr)		<del></del>
You may report releases of less	1	1.1 Ra	nge	A.2	В.	c.
than 1000 lbs by checking ranges		1-	500-	Enter		Type of
under A.1	0	499	999	Estimate	Basis	Treat/Disp
						_

- 6. 1. Discharge to POTW
- 6. 2. Other off-site loc

N/A

N/A

#### 7. WASTE TREATMENT METHODS AND EFFICIENCY

	A.	В.	c.	. D.	E.	F.
		Treatment			Treatment	Based on
	Wastestream			Sequential		Operating
	(code)	(code)	Concen.	Treatment?	Estimate	Data?
1	A	A03	2		99	N
. 2	A	A03	3		99	N
. 3	λ	A03	2		86	N
. 4	A	A03	3		86	Y
.5	A	AO3	3		86	Y
7.6	A	<b>A</b> 03	2	X		N
7.7	A	<b>A</b> 03		X	99.79	N

Ā.	Type of modification	в.	Qty of chem in wastestream prior to treatment/disposal		c.	Index	D.	Reason for action	
			Current rept yr (lbs/yr)	Prior year (lbs/yr)	Or percent change				
	N/A		N/A	N/A	N/A		N/A		N/A

EPA Toxic Cher	. Environment nical Release	Inventory	on Agency Reporting Form	EPA FO
		(7	his space for EP.	A use only)
PART I. FACILITY IDENTIFICATION	INFORMATION			
1.1 Does this report consecret information?			this a 1.3	Reporting
Yes X No			itized copy? Yes No	1987
. CERTIFICATION (Read ar	d sign after	completing	all sections.)	
I hereby certify that that, to the best of minformation is true and in this report are accordate available to the	y knowledge d complete a urate based	and belief, nd that the on reasonab	the submitted amounts and value estimates using the contract of the contract o	100
ame and Official Title o C. M. MCCULLOUGH / PLAN	f owner/oper	_		ficial
ignature	· · · · · · · · · · · · · · · · · · ·		Date Sig	ned
C.M. McCull	righ		6-27-8	9
. FACILITY IDENTIFICATIO	N			<del></del>
Name > MONSANTO COM Address> HIGHWAY 34 N .1 City > SODA SPRINGS State > ID	ORTH County>	CARIBOU	3.2 aX_ Entir b Part	e facility of facility
.3 Technical Contact >			> (208)547-3391	
.4 Public Contact > .5 SIC Codes >		:	(208) 547-3391	
6 Latitude Longitum > 042/41/07 > 111/3				
.7 Dun & Bradstreet numl	per(s) a.:	> 08-183-099		
8 EPA Id. Number (RCRA 9 NPDES Permit Number(	I.D. No) a.:	> IDD0818309	94 b.> N/A	
10 Name of receiving str a.> SODA CREEK	ceam(s) or wa	ater body(s)	b.> N/A	
b.> N/A c.> N/A				
.11 Underground Injection	Nell Code (	(UIC) Identi	fication No.	
. PARENT COMPANY INFORMAT	NOI			<del></del>
1 Name of parent compar	ny	> M	ONSANTO COMPANY	<del></del>
.2 Parent Company's Dun	& Bradstreet	No. > 0	0-626-6803	

Off-site	A FORM R - Part II. locations to which t are transferred in v		(This	space	for E	PA us	e only)	
1 PURLICIA	OWNED TREATMENT WOR	DKC (DOMM)						
		CAS (FOIM)						
_	ame: > N/A							
Facility Ad	idress:>							
City:	>	C	ounty:>	>				
State:	>		ip: >					
2. Other of	ff-site locations - r	number these sec	quentia	ally			<del> </del>	_
	ner off-site location cification number (RC		<b>A</b>					_
Facility Na	nme: > N/A							
Facility Ad								
City:	> ' '	C.	ounty:>	_				
State:	>		ip: >				•	
Under con	trol of reporting fa	cility or parem	nt comp	any? _	Ye	s	No	

EPA Form R - Part III Chemical Specific Informat	ion	(This	space for E	PA use	only)
1. CHEMICAL IDENTITY					·
1.3 Chem or Category Name: > 1	V/A		below.		
1.4 Generic Name: > 1					
MIXTURE COMPONENT IDENTITY 2. Generic Chem Name: > N/A					
3. ACTIVITIES AND USES OF THE C	CHEMICAL AT T	HE FACILIT	TY (Check a	ll that	apply)
3.1 Manufacture:	·				
AY_ Produce B.	Import		C For	r on-si e/proce	
D For sale/ E. distribution	_Y_ As a byp	roduct	F As		
3.2 Process:					
A As a reactant B.	As a formulation co	mula-			
D Repackaging only	Tacton C	omp.	COI	ponent	
3.3 Otherwise Used:		<del> </del>		·	
A As a chemical B. processing aid	As a mfg	aid	C And oth	illary er use	or
4. MAXIMUM AMT OF THE CHEMICAL _(06) _ enter code	ON SITE AT AN	Y TIME DU	RING THE CA	LENDAR	YEAR
5. RELEASES OF THE CHEMICAL TO	THE ENVIRONME	ENT	<del></del>		
	A. Total	Releases	(lbs/yr)	<del></del>	
You may report releases of less	A.1 Rar	nge	λ.2	B.	c.
than 1000 lbs by checking range under A.1		500-	Enter	Est.	% From
	0 499	999	Estimate	Basis	Strmwtr
5.1 Fugitive or non-pt. air emi	s X			E	<del></del>
5.2 Stack or point air emission			7,300	M	
5.3 Discharges to water 5.3.1 ( 5.3.2 (			2,500	M	6
5.3.3 (	•		N/A		N/A
5.4 Underground injection	-,		N/A N/A		N/A
5.5 Release to land 5.5.1 (D02)			150,000	M	
5.5 Release to land 5.5.2 (D99)	X		·	Ö	
5.5 Release to land 5.5.3			N/A		

#### 6. TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS

Total Transfers (lbs/yr)
You may report releases of less
A.1 Range
A.2
B. C.
than 1000 lbs by checking ranges
under A.1

Total Transfers (lbs/yr)

A.1 Range
Series Series

6. 1. Discharge to POTW

6. 2. Other off-site loc

N/A N/A

• • •

#### 7. WASTE TREATMENT METHODS AND EFFICIENCY

	λ.	В.	c.	D.	Ε.	F.
	General	Treatment	Range of		Treatment	Based on
	Wastestream	Method	Influent	Sequential	Efficiency	Operating
	(code)	(code)	Concen.	Treatment?	Estimate	Data?
.1	A	A06	5		99.7	N
. 2	<b>A</b>	A06	5		99.6	N
. 3	A	A06	5		99.7	N
. 4	S	P11	3		99.97	N
.5	A	A03	2		99.7	N
. 6	A	A03	3		99.5	N
. 7	A	A03	3		99.3	N
. 8	A	<b>A</b> 06	4		99.7	N
. 9	S	P11	5		99.97	N
.10	S	P11	5		99.97	N
.11	S	P11	5		99.97	N
.12	S	P11	5		99.97	N
.13	A	A06	5		99.7	N
.14	A	<b>A</b> 03	3		90	N
. 15	A	<b>A</b> 06	4		99.7	N
.16	A	A03	4		98	N
. 17	A	A03	2	X		N
.18	A	<b>A</b> 03		X	99.99	N

<b>A.</b>	Type of modification	В.	Qty of chem in wastestream C. prior to treatment/disposal			C. Inde	х D.	Reason for action
			Current rept yr (lbs/yr)	Prior year (lbs/yr)	Or percent change			
	N/A		N/A	N/A	N/A	N/	A	N/A

·	1	<u> </u>
	U.S. Environmental P	rotection Agency EPA FO
EPA	Toxic Chemical Release Inve	entory Reporting Form R
		(This space for EPA use only)
		-
	PART I.	
FAC	CILITY IDENTIFICATION INFORMATION	
		i
1.	.1 Does this report contain trade	1.2 Is this a 1.3 Reporting
•	secret information?	sanitized copy? Year
	Yes _X_ No	Yes No 1987
2. (	CERTIFICATION (Read and sign after comp	oleting all sections.)
	Thomas and the Abel There	
	I hereby certify that I have reviewed that, to the best of my knowledge and h	the attached documents and
i	information is true and complete and the	perier, the submitted
ំ	in this report are accurate based on re	accomple estimates using
ċ	data available to the preparers of this	report.
		-
Name	e and Official Title of owner/operator	or senior management official
> C.	. M. MCCULLOUGH / PLANT MANAGER	
Sign	nature	Date Signed
	M. McCallaugh	•
_		6-27-88
3. F	FACILITY IDENTIFICATION	
	Name > MONSANTO COMPANY	
	Address> HIGHWAY 34 NORTH	3.2 aX_ Entire facility
	City > SODA SPRINGS County> CARIB	b Part of facility
	State > ID Zip Code> 83276	
<del></del>	Market 1 Contact 1 D D 1	
	Technical Contact > D. R. WIND Public Contact > K. V. LOTT	> (208)547-3391
		> (208)547-3391
2.5	SIC Codes > 2819 3313 Latitude Longitude	
3.0	> 042/41/07 > 111/35/08	
3 7	Dun & Bradstreet number(s) a.> 08-	102 0004
2 2	EPA Id. Number (RCRA I.D. No) a.> IDD	183-0994 b.> N/A
3 9	NPDES Permit Number(s) a.> IDO	081830994 b.> N/A
3.10	Name of receiving stream(s) or water	00119-8 b.> N/A
	a.> SODA CREEK	body (s)
	b.> N/A	
	c.> N/A	
3.11	Underground Injection Well Code (UIC)	Identification No.
	> N/A > N/A	racine racion no.
	ALDERM COVERNMENT STREET	
. P	PARENT COMPANY INFORMATION	
1.1	Name of parent company	> MONSANTO COMPANY
4.2		> 00-626-6803

Off-site locations to which toxic Chemicals are transferred in wastes  1. PUBLICLY OWNED TREATMENT WORKS (POTW)  Facility Name: > N/A Facility Address:> City: > County:> State: > Zip: >  2. Other off-site locations - number these sequentially  (1.) Other off-site location EPA Identification number (RCRA ID No.): N/A  Facility Name: > N/A Facility Address:> City: > County:> State: > Zip: >	EPA 'FORM' R - Part I		(This	space	for	EPA	use	only)
1. PUBLICLY OWNED TREATMENT WORKS (POTW)  Facility Name: > N/A Facility Address:> City: > County:> State: > Zip: >  2. Other off-site location - number these sequentially  (1.) Other off-site location EPA Identification number (RCRA ID No.): N/A  Facility Name: > N/A Facility Address:> City: > County:>	Off-site locations to whi	ch toxic						<b>V</b> = -
Facility Name: > N/A Facility Address:> City: > County:> State: > Zip: >  2. Other off-site locations - number these sequentially  (1.) Other off-site location EPA Identification number (RCRA ID No.): N/A  Facility Name: > N/A Facility Address:> City: > County:>	Chemicals are transferred	in wastes						
Facility Name: > N/A Facility Address:> City: > County:> State: > Zip: >  2. Other off-site locations - number these sequentially  (1.) Other off-site location EPA Identification number (RCRA ID No.): N/A  Facility Name: > N/A Facility Address:> City: > County:>			i					
Facility Address:> City:	1. PUBLICLY OWNED TREATMENT	WORKS (POTW)		<del></del>				
City: > County:> State: > Zip: >  2. Other off-site locations - number these sequentially  (1.) Other off-site location EPA Identification number (RCRA ID No.): N/A  Facility Name: > N/A Facility Address:> City: > County:>	Facility Name: > N/A	<del></del>		<del></del> <del> </del>	<del></del>			
<pre>State:</pre>	Facility Address:>							
2. Other off-site locations - number these sequentially  (1.) Other off-site location EPA Identification number (RCRA ID No.): N/A  Facility Name: > N/A Facility Address:> City: > County:>	City: >		County:	>				
(1.) Other off-site location EPA Identification number (RCRA ID No.): N/A  Facility Name: > N/A  Facility Address:> City: > County:>	State: >		Zip:	>				
<pre>EPA Identification number (RCRA ID No.): N/A Facility Name: &gt; N/A Facility Address:&gt; City: &gt; County:&gt;</pre>	2. Other off-site locations	- number these	sequentia	ally				<u> </u>
Facility Address:> City: County:>			N/A					
Facility Address:> City: County:>	Facility Name: > N/A							
City: County:>								
			County:	>				

Under control of reporting facility or parent company? \_\_\_ Yes \_\_\_ No

EPA Form R - Part III Chemical Specific Information		(This sp	ace for EP	A use	only)
1. CHEMICAL IDENTITY		•	<del></del>		·
1.1 Trade Secret (provide a control of the con			elow.		
MIXTURE COMPONENT IDENTITY 2. Generic Chem Name: > N/A					
3. ACTIVITIES AND USES OF THE CHEM	MICAL AT TH	E FACILITY	(Check al	l that	apply)
3.1 Manufacture: AY_ Produce B	Import	(	C For use		
D For sale/ EY_ distribution	_ As a bypr	oduct I			
3.2 Process: A As a reactant B D Repackaging only	As a form	ula- (	CAs a		icle
3.3 Otherwise Used: A As a chemical BY_ processing aid	As a mfg	aid (		illary er use	or
4. MAXIMUM AMT OF THE CHEMICAL ON _(06)_ enter code	SITE AT AN	Y TIME DURI	ING THE CAI	LENDAR	YEAR
5. RELEASES OF THE CHEMICAL TO THE	ENVIRONME	NT			
You may report releases of less than 1000 lbs by checking ranges under A.1	A. Total A.1 Ran 1- 0 499	500- E	bs/yr) A.2 Enter Estimate	B. Est. Basis	C. % From Strmwtr
5.1 Fugitive or non-pt. air emis 5.2 Stack or point air emissions 5.3 Discharges to water 5.3.1 (a) 5.3.2 (b) 5.3.3 (c)	x	х	N/A	E M M	6 N/A
5.4 Underground injection 5.5 Release to land 5.5.1 (D02) 5.5 Release to land 5.5.2 (D99) 5.5 Release to land 5.5.3	x		N/A N/A 180,000 N/A	M O	N/A

## 6. TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS

	Tot	al Tr	ansfers	(lbs/yr)		• -
You may report releases of less	A	.1 Ra	nge	A.2	В.	c.
than 1000 lbs by checking ranges		1-	500-	Enter		Type of
under A.1	0	499	999	Estimate	Basis	Treat/Disp

6. 1. Discharge to POTW

6. 2. Other off-site loc

N/A N/A

#### 7. WASTE TREATMENT METHODS AND EFFICIENCY

	λ.	В.	c.	D.	E.	F.
	General	Treatment			Treatment	Based on
	Wastestream	Method	Influent	Sequential	Efficiency	Operating
	(code)	(code)	Concen.			Data?
. 1	A	A06	5		99.7	N
. 2	A	A06	5		99.6	И
. 3	A	<b>A</b> 06	5		99.7	N
4	S	P11	2		99.97	N
. 5	A	A03	3		99.7	N
6	λ	A03	3		99.5	N
7	A	A03	4		99.3	N
8	A	A06	4		99.7	N
9	S	P11	5		99.97	N
10	S	P11	5		99.97	N
11	S	P11	5		99.97	N
12	S	P11	5		99.97	N
13	A	A06	5		99.7	N
14	A	<b>A</b> 03	4		90	N
15	A	<b>A</b> 06	4		99.7	N
16	A	<b>A</b> 03	4		98	N
17	A	A03	3	X		N
18	A	A03		X	99.99	N

A.	Type of modification	В.	Qty of chem in wastestream (prior to treatment/disposal			c.	Index	D.	Reason for action	or 
				Prior year (lbs/yr)	Or percent change					
	N/A		N/A	N/A	N/A		N/A		N/A	

4.2

	<del> </del>		
epa form r	- Part II.	(This space	for EPA use only)
Off-site location	ns to which toxic	, · · · · · · · · · · · · · · · · · · ·	-4-27
Chemicals are tra	nsferred in wastes		•
<b>0,,02</b> 02			<u>.</u>
		1	·
1. PUBLICLY OWNED	TREATMENT WORKS (PO	OTW)	
Facility Name: >	N/A		
Facility Address:>			
City: >		Countries	
ī		County:>	
State: >		Zip: >	
2. Other off-site	locations - number	these sequentially	
(1.) Other off-	site location		
	on number (RCRA ID	No.): N/A	
Facility Name: >	N/A		
	N/A		
Facility Address:>	•		
City: >		County:>	
State: >		Zip: >	
Under control of	reporting facility	or parent company?	Yes No
		== P=====	~

EPA Form R - Part III Chemical Specific Information			(This	space	for E	PA use	only)
1. CHEMICAL IDENTITY		-	·	<u> </u>		<del></del>	
1.1 Trade Secret (provide a classification of the secret (provide a classificatio	KEL CO			4 below.	•		
MIXTURE COMPONENT IDENTITY 2. Generic Chem Name: > N/A							
3. ACTIVITIES AND USES OF THE CHER	IICAL	AT TI	HE FACIL	ITY (Che	ck al	ll that	apply)
3.1 Manufacture: AY_ Produce B	_ Impo	ort				on-si	
D For sale/ EY_ distribution	_ As a	byp1	coduct	F	_ As	an imp	urity
3.2 Process: A As a reactant B D Repackaging only	As a lati	form	nula- omp.	c		an art	
3.3 Otherwise Used: A As a chemical BY_ processing aid	As a	mfg	aid	c	_ Anc	illary er use	or
4. MAXIMUM AMT OF THE CHEMICAL ON(07)_ enter code	SITE	AT AN	Y TIME D	URING T	HE CA	LENDAR	YEAR
5. RELEASES OF THE CHEMICAL TO THE	ENVI	RONME	NT				
You may report releases of less than 1000 lbs by checking ranges under A.1	A. T A.1	otal Ran 1- 499	Releases ge 500- 999	(lbs/y A.2 Enter Estim	·	B. Est.	C. % From Strmwtr
5.1 Fugitive or non-pt. air emis			-		,000	E	SCIMACI
5.2 Stack or point air emissions 5.3 Discharges to water 5.3.1 (a) 5.3.2 (b) 5.3.3 (c)			x	1 N/A N/A	,000	M M	6 N/A N/A
5.4 Underground injection 5.5 Release to land 5.5.1 (D02) 5.5 Release to land 5.5.2 (D99) 5.5 Release to land 5.5.3		x		N/A 2,200 N/A	,000	M O	-

# . EPA FORM R PART III (CONTINUED)

## 6. TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS

You may report releases of less		tal Tr A.1 Ra		(lbs/yr) A.2	в.	с.
than 1000 lbs by checking ranges under A.1	0	1- 499	500- 999	Enter Estimate	Est. Basis	Type of Treat/Disp
6. 1. Discharge to POTW			<del></del> _	N/A		

6. 2. Other off-site loc

N/A N/A

## 7. WASTE TREATMENT METHODS AND EFFICIENCY

	A.	В.	C.	D.	E.	F.	
	General	Treatment	Range of		Treatment	Based on	
	Wastestream	Method	Influent	Sequential	Efficiency	Operating	
	(code)	(code)	Concen.	Treatment?		Data?	
7.1	A	A06	5		99.7	N	
7.2	A	A06	5		99.6	N	
7.3	A	A06	5		99.7	N	
7.4	S	P11	2		99.97	N	
7.5	A	A03	3		99.7	N	
7.6	A	A03	3		99.5	N	
7.7	A	A03	3		99.3	N	
7.8	A	A06	4		99.7	N	
7.9	S	P11	5		99.97	N	
7.10	S	P11	5		99.97	N	
7.11	S	P11	<b>5</b> .		99.97	N	
7.12	S	P11	5		99.97	N	•
7.13	A	A06	5		99.7	N	
1.14	A	A03	3		90	N	
7.15	A	A06	4	•	99.7	N	
7.16	A	A03	3		98	N	
7.17	A	A03	3	X 🗻	•	N	
7.18	A	<b>A</b> 03	•	X	99.99	N	

## 8. OPTIONAL INFORMATION ON WASTE MINIMIZATION

A.	Type of modification	В.	Qty of che prior to	em in was treatment	testream ( /disposal	c.	Index	D.	Reason for action
	·		Current rept yr (lbs/yr)	Prior year (lbs/yr)	Or percent change				
	N/A		N/A	N/A	N/A		N/A		N/A

> 2819 3313

3.6 Latitude Longitude

> 042/41/07 > 111/35/08

3.7 Dun & Bradstreet number(s) a.> 08-183-0994 3.8 EPA Id. Number (RCRA I.D. No) a.> IDD081830994

b.> N/A b.> N/A b.> N/A

3.9 NPDES Permit Number(s) a.> ID000119-8 3.10 Name of receiving stream(s) or water body(s)

a. > SODA CREEK

b.> N/A

c.> N/A

3.11 Underground Injection Well Code (UIC) Identification No. > N/A > N/A

4. PARENT COMPANY INFORMATION

4.1 Name of parent company

> MONSANTO COMPANY

4.2 Parent Company's Dun & Bradstreet No. > 00-626-6803

Under control of reporting facility or parent company? \_\_\_\_ Yes \_\_\_\_ No

City:

State:

>

County:>

Zip:

Chemical Specific Information	n	(This	space for	EPA use	only)
1. CHEMICAL IDENTITY					<del></del>
1.1 Trade Secret (provide a 1.2 CAS #: > 007 1.3 Chem or Category Name: > PHO 1.4 Generic Name: > N/A	723-14-0 (1 SPHORUS (YE)	Use leadi	ng zeros)		
MIXTURE COMPONENT IDENTITY 2. Generic Chem Name: > N/A					
3. ACTIVITIES AND USES OF THE CHE	MICAL AT TI	HE FACILI	TY (Check	all that	apply)
3.1 Manufacture: AY_ Produce B	_ Import		C Fo	or on-si	te
DY_ For sale/ E distribution	_ As a bypı	coduct	F As	se/proce s an imp	
3.2 Process: A As a reactant B	_ As a form	nula-	C As	an art	icle
D Repackaging only		-		, <u>.</u>	
3.3 Otherwise Used: A As a chemical B processing aid			ot	her use	
4. MAXIMUM AMT OF THE CHEMICAL ON _(06)_ enter code	SITE AT AN	Y TIME DU	RING THE C	ALENDAR	YEAR
5. RELEASES OF THE CHEMICAL TO THE	ENVIRONME	NT			
You may report releases of less than 1000 lbs by checking ranges	A. Total A.1 Ran 1-	ge	A.2	В.	c.
under A.1	0 499	500 <b>-</b> 999	Enter Estimate	Est. Basis	% From Strmwtr
5.1 Fugitive or non-pt. air emis 5.2 Stack or point air emissions 5.3 Discharges to water 5.3.1 (a) 5.3.2 (b)	х		N/A N/A N/A	0	N/A N/A
5.3.3 (c) 5.4 Underground injection 5.5 Release to land 5.5.1 (D99) 5.5 Release to land 5.5.2			N/A N/A 170,000 N/A	o	N/A

<u> </u>						11.02 4
•	EPA	FORM R P	ART III (C	ONTINUED)		``.
6. TRANSFERS OF	THE CHEMICA	L IN WAS	TE TO OFF-	SITE LOCATIONS	3	
You may report rethan 1000 lbs by		less	A.1 Rang		B.	
under A.1	checking i	•		00- Enter 99 Estimat	Est. e Basis	Type of Treat/Disp
6. 1. Discharge t 6. 2. Other off-s				N/A N/A		
7. WASTE TREATMEN	IT METHODS	AND EFFI	CIENCY			
Wastestream		Influent	Sequentia	E. Treatment l Efficiency Estimate	Based Opera Dat	ting
7.1 N/A	N/A	N/A	N/A	N/A	N/	λ
8. OPTIONAL INFOR	MATION ON W	VASTE MIN	NIMIZATION		······································	
A. Type of modification	B. Qty of coprior to	chem in wo	vastestream ent/disposa	n C. Index	D. Reaso actio	
	rept yr	Prior year (lbs/y	Or pero change vr)	cent		
N/A	N/A	N/A	N/A	N/A	N/A	

3.11 Underground Injection Well Code (UIC) Identification No.

Parent Company's Dun & Bradstreet No. > 00-626-6803

> MONSANTO COMPANY

> N/A

c.> N/A

> N/A

4.1

4.2

4. PARENT COMPANY INFORMATION

Name of parent company

Off-site'	FORM R - Part II. locations to which are transferred in		(This	space	for	ĘРА	use	only)
1. PUBLICLY	OWNED TREATMENT WO	PRKS (POTW)		· · · · · · · · · · · · · · · · · · ·		<del>-,</del>		· . · -
Facility Nam	ne: > N/A							
Facility Add								
City:	>		County:	>				
State:	>		Zip:					
2. Other of	f-site locations -	number these s	sequentia	ally		<del></del>		· · · · · · · · · · · · · · · · · · ·
	er off-site location if ication number (R		N/A		<u> </u>			<del>/. ·</del>
Facility Nam	ne: > N/A							
Facility Add								
City:	>		County:>	•				
State:	>		Zip: >					
			_					

Under control of reporting facility or parent company? \_\_\_\_ Yes \_\_\_ No

EPA Form R - Part III Chemical Specific Information		(This sp	ace for EP	A use	only)
1. CHEMICAL IDENTITY			<u></u>		
1.1 Trade Secret (provide a classification of the secret (provide a classification	664-93-9 (U	e in 1.4 be se leading	elow. zeros)		
MIXTURE COMPONENT IDENTITY  2. Generic Chem Name: > N/A					
3. ACTIVITIES AND USES OF THE CHEM	MICAL AT TH	E FACILITY	(Check al	l that	apply)
	_ Import _ As a bypr		C For use,	/proces	ss
3.2 Process: A As a reactant B D Repackaging only	As a form lation co	ula- (	C As a	n arti	icle
3.3 Otherwise Used: A As a chemical BY_ processing aid	As a mfg	aid (		llary er use	or
4. MAXIMUM AMT OF THE CHEMICAL ON(03)_ enter code	SITE AT AN	Y TIME DURI	ING THE CAI	ENDAR	YEAR
5. RELEASES OF THE CHEMICAL TO THE	ENVIRONME	NT			
You may report releases of less than 1000 lbs by checking ranges under A.1	A. Total   A.1 Rand   1- 0 499	500- E	A.2	B. Est. Basis	C. % From Strmwtr
5.1 Fugitive or non-pt. air emis 5.2 Stack or point air emissions 5.3 Discharges to water 5.3.1 (a) 5.3.2 (b) 5.3.3 (c) 5.4 Underground injection	· x		N/A N/A N/A N/A	0	N/A N/A N/A
5 5 Pelease to land 5 5 1			N/A		

1987 - SOS (0018) Chemical: H2SO4

		EPA	FORM R P	ART III (	CONTINU	IED)		X
6. T	RANSFERS OF	THE CHEMIC	AL IN WAS	TE TO OFF	-SITE I	OCATIONS	· . · · · · · · · · · · · · · · · · · ·	
				Total Tra		(lbs/yr)		
You	may report re	eleases of	less	A.1 Ran		A.2	В.	c.
	1000 lbs by	checking	_			Enter		Type of
unde	r A.1		•	0 499	999	Estimate	Basis	Treat/Dis
	. Discharge					N/A		
6. 2	. Other off-	site loc				N/A		
7. W	ASTE TREATME	NT METHODS	AND EFFI	CIENCY			<del></del>	
	A.	В.	c.	D.		E.		F.
	General	Treatment	Range of			tment	Base	
	Wastestream	Method	Influent	Sequenti	al Effi	ciency	Opera	ating
	(code)	(code)	Concen.	Treatmen	t? Est	imate	Dat	ta?
	N/A	N/A	N/A	N/A	Ŋ	I/A	N,	/A
7.1	•							
	PTIONAL INFO	RMATION ON	WASTE MI	NIMIZATIO	N			
8. O A. T	ype of	B. Qty of	chem in	wastestre	am C.	Index	D. Reas	
8. O A. T		B. Qty of		wastestre	am C.	Index	D. Reas	
8. O A. T	ype of	B. Qty of prior	chem in to	wastestre ent/dispo	am C. sal	Index		
8. O A. T	ype of	B. Qty of prior	chem in to treatment Prior	wastestre ent/dispo Or pe	am C. sal  rcent	Index		
8. O A. T	ype of	B. Qty of prior	chem in to	wastestre ent/dispo Or pe	am C. sal  rcent	Index		

3.11 Underground Injection Well Code (UIC) Identification No.

Parent Company's Dun & Bradstreet No. > 00-626-6803

> MONSANTO COMPANY

> N/A

c.> N/A

> N/A

4.2

4. PARENT COMPANY INFORMATION

Name of parent company

<del></del>	
EPA FORM R - Part II.	(This space for EPA use only)
Off-site locations to which toxic	
Chemicals are transferred in wastes	
Chicalo ale transferra in wastes	
1. PUBLICLY OWNED TREATMENT WORKS (PO	)TW\
1. 10001001 OWNED TREMITERY WORKS (10	
Facility Name: > N/A	
Facility Address:>	
City: >	County:>
State: >	Zip: >
,	
2. Other off-site locations - number	these sequentially
	•
(1.) Other off-site location	
EPA Identification number (RCRA ID	No.): N/A
Facility Name: > N/A	
Facility Address:>	
City: >	County:>
State: >	Zip: >
<del></del>	

Under control of reporting facility or parent company? \_\_\_ Yes \_\_\_ No

Chemica'l Specific Information		space for El	PA use`	only)
1. CHEMICAL IDENTITY	<u> </u>			· · · · · ·
1. CHEMICAL IDENTITY				. •
1.1 Trade Secret (provide a		below.		
1.2 CAS #: > N/A				
1.3 Chem or Category Name: > ZING				
1.4 Generic Name: > N/A				
MIXTURE COMPONENT IDENTITY 2. Generic Chem Name: > N/A			· · · · · · · · · · · · · · · · · · ·	
3. ACTIVITIES AND USES OF THE CHEM	MICAL AT THE FACILITY	TY (Check al	1 that	apply)
3.1 Manufacture:		<del></del>		
AY_ Produce B	_ Import	C For		
D For sale/ EY_	As a hyproduct	F As	/proce	SS i+
distribution	_ wa a platforder	r AS	an imp	urrcy
3.2 Process:		·		
A As a reactant B	As a formula-	C 35	an art	icle
n no a roaddanc	lation comp.		ponent	1016
D Repackaging only	•		•	
3.3 Otherwise Used:				<del></del> -
A As a chemical BY_	As a mfg aid			
processing aid		otn	er use	
4. MAXIMUM AMT OF THE CHEMICAL ON(07)_ enter code	SITE AT ANY TIME DO	JRING THE CA	LENDAR	YEAR
S DRI BLODG OF MUE OURWIGHT MO MUI	T THE TOTAL THE	· <u>-</u> .		
5. RELEASES OF THE CHEMICAL TO THE	EENVIRONMENT			
	A. Total Releases	(lbs/yr)	<del>'</del>	
You may report releases of less	A.1 Range		B.	c.
than 1000 lbs by checking ranges	1- 500-	Enter	Est.	% From
under A.1	0 499 999	Estimate	Basis	Strmwtr
5.1 Fugitive or non-pt. air emis		12,000	E	
5.2 Stack or point air emissions		340,000	M	
5.3 Discharges to water 5.3.1 (a)		1,200	M	6
5.3.2 (b)		N/A		N/A
5.3.3 (c)		N/A		N/A
5.4 Underground injection 5.5 Release to land 5.5.1 (D02)		N/A	**	
5.5 Release to land 5.5.1 (D02)		2,300,000 1,900	M O	
5.5 Release to land 5.5.3		N/A	J	
		, -		

#### EPA FORM R PART III (CONTINUED)

### 6. TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS

Total Transfers (lbs/yr) You may report releases of less C. В. A.1 Range A.2 Est. Type of than 1000 lbs by checking ranges 1-500-Enter 499 under A.1 999 Estimate Basis Treat/Disp

- 6. 1. Discharge to POTW
- 6. 2. Other off-site loc

N/A N/A

•

#### 7. WASTE TREATMENT METHODS AND EFFICIENCY

	Α.	В.	c.	D.	E.	F.
	General	Treatment			Treatment	Based on
	Wastestream	Method	Influent	Sequential	Efficiency	Operating
	(code)	(code)	Concen.	Treatment?	Estimate	Data?
7.1	A	A06	5		99.7	N
7.2	A	A06	5		99.6	N
7.3	A	A06	5		99.7	N
7.4	S	P11	2		99.97	N
7.5	A	A03	1		99.7	N
7.6	A	A03	3		99.5	N
7.7	Α	A03	3		99.3	N
7.8	A	A06	4		99.7	N
7.9	S	P11	5		99.97	N
7.10	S	P11	5		99.97	N
7.11	S	P11	5		99.97	N
7.12	S	P11	5		99.97	N
7.13	A	A06	5		99.7	N
7.14	A	A03	2		90	N
7.15	A	<b>A</b> 06	4		99.7	N
7.16		A03	2		98	N
7.17	Α	A03	1	X		N
7.18	A	A03		X	99.99	N

#### 8. OPTIONAL INFORMATION ON WASTE MINIMIZATION

A.	Type of modification	В.	Qty of chem in wastestream C. prior to treatment/disposal			c.	Index	D.	Reason action	for
			Current rept yr (lbs/yr)	Prior year (lbs/yr)	Or percent change					
	N/A		N/A	N/A	N/A		N/A		N/A	